

## Lessard-Sams Outdoor Heritage Council

### Laws of Minnesota 2012 Accomplishment Plan

**Date:** October 24, 2011

**Program Title: Metro Big Rivers Habitat Phase 3**

Manager's Name: Manager's Name: Deborah Loon

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**Funds Recommended: \$3,680,000**

**Legislative Citation: ML 2011, Ch. X, Art. X, Sec. X, Subd. 5 (b):** *(to be completed when signed by Governor)*

**Abstract:**

Metro Big Rivers Phase 3 will protect 455 acres, restore 8 acres and enhance 290 acres of priority habitat within the big rivers corridors in the Metropolitan Urbanizing Area.

### Program Narrative

#### Design and Scope of Work

In this third program phase, Metro Big Rivers will permanently protect 455 acres, restore 8 acres and enhance 290 acres of high quality wildlife habitat and fisheries in the Metropolitan Urbanizing Section with Outdoor Heritage Funds. Using other leveraged funds, the partners will protect at least 60 additional acres, for a total of 515 acres protected in the three river corridors in the Metro Urbanizing Section.

Metro Big Rivers will meet two LSOHC priorities for the Metro Urbanizing Section:

- Protect habitat corridors, with emphasis on the Minnesota, Mississippi and St. Croix rivers
- Protect, enhance and restore remnant native prairie, Big Woods forests and oak savanna with an emphasis on areas with high biological diversity.

The partners of Metro Big Rivers program are five established and experienced conservation organizations – Friends of the Mississippi River, Great River Greening, Minnesota Land Trust, Minnesota Valley National Wildlife Refuge Trust, Inc., and the Trust for Public Land. Each of these organizations has a solid track record completing the type of work proposed, both independently and collaboratively. Their proposed work is described below.

Priorities are set by the partners to meet the plans discussed in the next section of this proposal and in collaboration with the governmental agencies that will be the final stewards, where applicable. Partner-specific prioritization is included in the following project descriptions.

FMR will restore 8 acres of prairie and enhance 28 acres of existing prairie, 10 acres of wet meadow and 121 acres of forest on four sites in Dakota and Washington Counties.

FMR will conduct restoration and enhancement activities at one site in Washington County and three sites within Dakota County. All of these sites were identified as being ecologically important by separate and independent science-based planning processes that also included public input. As a result, each of the proposed sites not only contains important habitat and other ecological values, they also benefit from the support of local communities. The site in Washington County is located on an ancient river terrace in Cottage Grove. The sites in Dakota County include the Gores Pool Wildlife Management Area, The Hastings Sand Coulee SNA, and the Hastings SNA. All of the sites in Dakota County are connected to other important natural areas, build on existing restoration projects, and are within the Metro Conservation Corridors. The Cottage Grove site was identified as an important site by the City of Cottage Grove and during the development of the Washington County Conservation Plan. It provides important habitat in the Mississippi River corridor.

- Gores Pool Wildlife Management Area - Freitag Tract. This state-owned Wildlife Management Area and Aquatic Management area was identified in the City of Hastings Greenway Plan, the Mississippi River Greenway Plan, the Dakota County Farmland and Natural Area Plan, Metro Conservation Corridors and by the Minnesota Department of Natural Resources as ecologically significant and as a priority to protect. Gores Pool WMA is a 6,449-ac complex of floodplain forest, marshland and backwater along the Mississippi River and Vermillion River Bottoms. Most of the area is designated as outstanding biodiversity significance and constitutes one of the largest expanses of floodplain native plant communities in southeast Minnesota. It is also one of the top four sites in the state for rare forest birds. The Freitag Tract was purchased in 2008 by the DNR in partnership with Dakota County and the City of Hastings. There was no known opposition when the property was purchased.

Since this time, FMR completed a Natural Resource Management Plan and has begun working with the DNR's Area Wildlife Manager on habitat restoration and enhancement activities on 70 acres of this 300-acre site. Dakota County, the City of Hastings and the DNR are aware of FMR's ongoing restoration and enhancement activities at the site. FMR is proposing to continue the important restoration and enhance activities at this site by conducting enhancement activities on 10 acres of wet meadow and 35 acres of forest. This site is within .5 mile of the enhancement project at the Hastings SNA.

- Hastings Sand Coulee SNA. In 2011, 185 acres were added to this SNA unit. There was no known opposition to the acquisition of these acres to the SNA. The City of Hastings and Dakota County supported these acquisitions and support the ongoing restoration efforts at the site. This proposal was developed and submitted with support of the DNR-SNA staff. FMR also completed a Natural Resource Management Plan for this new area in 2011. This SNA is within a Metro Conservation Corridor and identified as significant by the Dakota County Farmland and Natural Area Program and the County Biological Survey. In addition to containing an intermittent stream that flows to the Vermillion River, this site contains rare dry prairie and associated oak woodland. Fourteen rare species have been documented at this SNA. The enhancement and restoration activities proposed would improve and add to the habitat that exists there. FMR is proposing to restore 8 acres of prairie, enhance the existing 24 acres of prairie by removing woody species and conducting prescribed burns and enhance the existing 41 acres of oak woodland by controlling exotic invasive species and conducting prescribed burns. These proposed activities will provide additional high quality habitat for both the rare species at the site as well as plant and animals species that are members of this natural community.

This site-specific project is part of a larger habitat protection and improvement effort in the vicinity. It is approximately 1 mile away from both the Hastings SNA and the Old Mill Park site. There is also restoration and enhancement activities taking place within the Hastings Sand Coulee SNA, less than 1 mile south of the site in this proposal.

- Hastings Scientific and Natural Area. This 69-acre SNA, designated in the 1970s, is situated along the Mississippi – Vermillion River floodplain and bluffs in Hastings. It contains wetland, maple-basswood forest and floodplain forest. It is within a Metro Conservation Corridor and the Mississippi River Greenway and identified as ecologically significant by the Dakota County Farmland and Natural Area Program and the County Biological Survey. This proposal was developed and submitted with support of the DNR-SNA staff. FMR developed a Natural Resource Management Plan for this SNA in 2011. FMR is proposing to conduct exotic invasive plant control on 19 acres of forest at this SNA. These activities will improve the habitat for the both rare species and all the plant and animal members of these forest communities.

This site-specific project is part of a larger habitat protection and improvement effort in the vicinity. It is 1 mile away from the Hastings Sand Coulee SNA, within .5 miles from the Gores Pool Wildlife Management area and about .25 miles from the Old Mill Park site.

- Camel’s Hump – Cottage Grove. This 34-acre site sits on a high ancient river terrace of sandstone and limestone within the city. In 1998, a Natural Resources Inventory was completed for the city. The document describes this site: *“The average quality of the natural communities is high, as is the diversity of different types of communities. For these reasons, the natural community integrity ...is high”*. In addition, this site was identified and highlighted during the Washington County Conservation Plan process, completed in 2010. The site is owned by the City of Cottage Grove and permanently protected by conservation easement that is held by the Minnesota Land Trust. The natural communities located on this site include oak forest, bedrock bluff prairie and lowland hardwood forest.

FMR will complete a Natural Resource Management Plan for the site. Both the City of Cottage Grove and the Minnesota Land Trust are aware that this plan is being developed. This plan will provide the specific restoration and enhancement activities that will be employed to improve the habitat at this site. However, it is known that the prairie is being encroached upon by woody plants and exotic invasive plant species have become established in the forest. Preliminarily, FMR is planning to conduct woody plant removal and a prescribed burn on approximately 4-acres of prairie and exotic plant control on approximately 26 acres of forest. While ecologically important, this project is currently not adjacent to other habitat protection or restoration sites.

Great River Greening (GRG) will work at Springbrook Nature Center and Fish Creek Open Space to enhance 131 acres of native prairie, oak savanna, oak woodland, and oak forest habitat at two sites.

- Springbrook Nature Center is a 127-acre parcel containing native, undisturbed prairie, oak savanna, oak woodland and wetlands. Located less than a mile from the Mississippi River along a woodland corridor, Springbrook is a major stopping point for migrating birds in the Mississippi flyway. It was one of Minnesota Audubon Society’s first eight designated Important Bird Areas, and is a Breeding Bird Atlas primary survey block. In addition to birds, Springbrook is home to western hog-nosed snakes, bull snakes, and Blanding’s turtles (state SGCN species). The land was purchased by the City of Fridley in the early 1970’s with LAWCON funds and must be kept as natural land in perpetuity. Approximately 200,000 visitors use the site annually.

Native prairie and oak savanna habitats are among the most critically imperiled ecological systems in Minnesota. In addition, their extent in the Metropolitan Area is considerably reduced relative to historic time. Springbrook is a key remnant located along the Mississippi River Corridor in the northern Twin Cities. Encroachment by exotic and woody species and loss of natural fire regimes are having a significant impact on the habitats at Springbrook Nature Center.

In collaboration with the City of Fridley, GRG will enhance 77 acres of native prairie, oak savanna and oak woodland habitat at Springbrook using invasive woody and exotic species management and prescribed fire. GRG will design and begin implementation of a robust prescribed fire program across the majority of the site; this will

continue as a regular component of the site's management going forward. The partners will engage and expand the existing volunteer base to assist in carrying out facets of these activities. In addition, the nature center will use this opportunity to educate local citizens (including city officials) about habitat enhancement activities.

- Fish Creek Open Space is a 175-acre open space, with another 70 acres being acquired; the site includes 80 acres of river bluffland along the Mississippi River with steep slopes and dramatic vistas, and over 125 acres of nearly contiguous oak communities. The site is the heart of the Fish Creek Natural Area Greenway, which includes an additional 150 acres of protected land.

Once the 70 acre addition is in public ownership, GRG in collaboration with Ramsey County and City of Maplewood will enhance 75 acres of oak woodland and savanna communities by removing buckthorn and other invasive species, prescribed burning, and planting oak saplings/acorns.

All enhancement actions will occur on public land. Significant city, county and federal/state LAWCON funding (and those from others sources) has been spent in acquiring these properties and providing for habitat enhancement activities for the benefit of the state's wildlife resources. GRG is working to ensure that the public's investment in this important land is maintained indefinitely. Accomplishing this goal requires that funds are brought to bear from a variety of sources, that connections to local communities are built and maintained, and that resources are used effectively and efficiently. Initiating a robust restoration and enhancement plan at this point (when challenges are relatively small) will reduce the long-term cost of ongoing management, and lay the stage for effective, cost-efficient ongoing management of the site.

Project partners have committed to maintaining the investment put forward through OHF funds. In addition, Great River Greening will work with City of Fridley, Springbrook Nature Center, Springbrook Nature Center Foundation, City of Maplewood, Ramsey County Parks and other partners to further elevate the restoration and enhancement of the site's natural resources, and will work to ensure this investment is maintained and added upon.

When prioritizing projects for restoration and enhancement action, GRG considers the following criteria:

- Presence of MCBS quality ecological system(s) and/or concentration of SGCN/T&E species (weighted heavily) – indicators of the long-term viability of species/systems (habitat condition, size and landscape context) and conservation efficiency.
- Size of habitat block or managed area – one indicator of long-term viability.
- Occurrence within DNR mapped habitat corridors – an indicator of potential for restoring/conserving important habitat connectivity between protected areas.
- Public lands or private lands with long-term easements – a predictor of conservation success and security of investment.
- Multiple conservation benefits to both game and non-game species and other natural resources – an indicator of conservation efficiency.
- Immediacy of need/action as determined by Minnesota County Biological Survey and other sources – an indicator of conservation urgency.
- Ability to effectively manage lands over the long term through established means – an indicator of conservation capability of potential partner.
- Likelihood of long-term success
- Cost and feasibility
- Long-term benefit to wildlife.

The Minnesota Land Trust (MLT) will acquire 3 to 5 perpetual conservation easements on at least 250 acres of high priority habitat in the Crow River and St. Croix River corridors.

The Twin Cities Metropolitan Urbanizing Area is bracketed by two important habitat corridors: the Crow River, a tributary of the Mississippi River, on the west side and the St. Croix River on the east. These river corridors provide important habitat for migratory birds and waterfowl. The rivers themselves provide nesting, spawning, and other habitat for both aquatic and terrestrial animals. Both are popular for fishing, canoeing and boating.

But in the past two decades, these high quality river corridors have been under heavy threat of development and fragmentation. With this grant, the Minnesota Land Trust will expand its efforts to protect riparian habitat and critical linkages between important areas of core habitat. These linkages contain a mosaic of Big Woods, wetland, and grassland habitats.

Activities under this grant include:

- Contact and negotiate with interested landowners
- Draft and complete 3-5 perpetual conservation easements protecting a minimum of 250 acres of land
- Document property conditions and requiring habitat management plans as appropriate
- Dedicate funds for the perpetual monitoring, management and enforcement of those easements.

This project will build on MLT's experience and more than 20 permanent conservation easements already in place within these two corridors. It also builds on the significant public investment in habitat protection in these areas, which includes several WMAs, State Parks, and several county parks.

MLT works only with conservation easements that are perpetual. The easements will prohibit land uses and development that negatively affect important habitat and other conservation values. The easements also will require habitat management plans as appropriate, and direct the use of native vegetation in any required restoration. The easements are monitored annually and enforced as necessary under MLT's comprehensive conservation easement stewardship program funded in part through our Stewardship and Enforcement Fund.

The Land Trust will prioritize existing and future potential parcels for protection using the following criteria, in this order of importance:

- Habitat: quality and quantity of existing habitat on site
- Context: proximity and relationship to other protected lands
- Opportunity: determine which landowners will participate now
- Other Benefits: meeting multiple objectives, including visual and physical access, water quality, etc.

The Minnesota Valley National Wildlife Refuge Trust, Inc. (MVT) will protect through fee title acquisition 200 acres of high priority lands along the Minnesota River to expand the Minnesota Valley National Wildlife Refuge between Chaska and LeSueur. The Trust will acquire 40 additional acres with other non-state funds, for a combined total of 240 acres.

The Refuge expansion units have been prioritized by the USFWS in its *Comprehensive Conservation Plan (CCP) for the Minnesota Valley National Wildlife Refuge and Wetland Management District*. Priorities were identified through a science-based, public planning process as having strong potential to provide high quality habitat for wildlife and opportunities for wildlife-dependent recreation.

All prioritized lands are along the Minnesota River and include river frontage, floodplain and cropland. Following acquisition, the Trust and USFWS will develop a restoration and management plan, then restore and enhance the floodplain forest, wetlands and prairie. Cropland will be retired and drain tile broken.

This project's fee acquisition and subsequent habitat restoration and enhancement will reduce fragmentation, combat habitat loss, protect native plant and animal species, improve water quality of the Minnesota River and increase public access for wildlife-dependent recreation, including hunting and fishing.

This project will provide quality habitat for migrant and resident wildlife species, protect the diversity of native ecosystems, and continue to improve ecosystem connectivity and resilience. It will increase breeding and migratory habitat for waterfowl, shorebirds, Neotropical migrants, and other species including non-migratory resident species. This project also will improve water quality by retiring and restoring croplands in the Minnesota River Valley to the natural habitats of floodplain forest, wetlands and prairie. And it will expand the public's access to lands in and near the Twin Cities for wildlife-dependent recreational activities, such as birding, photography, hiking, interpretation, hunting and fishing.

The lands acquired will be donated to the USFWS for perpetual management for wildlife and wildlife-dependent recreation as part of the Minnesota Valley National Wildlife Refuge. Outdoor recreation will be managed in accordance with the National Wildlife Refuge System Improvement Act.

The Trust for Public Land (TPL) will protect using fee title acquisition 80 acres of floodplain forest, wetland, oak savanna, and prairie habitat along the Minnesota, Mississippi and St. Croix Rivers and key tributaries. TPL will protect another 20 acres with leveraged dollars, for total protection of 100 acres of high quality habitat.

Six prospective projects are described below. All have high quality habitat along the three Big River Corridors that TPL's public partners have identified as high priority and immediate opportunities to protect. The state conservation plans and priorities are referenced in parentheses.

TPL will achieve the acreage targets from among these projects and will not complete all of them with the grant. Projects will be prioritized based on completed due diligence, landowner objectives and needs, timing of leverage funds and other issues that may affect how quickly a project area can move to closure.

In the Minnesota River Corridor:

- Protect 98 acres at Savage Fen Natural Area along the Minnesota River, adjacent to existing protected land and including wetland and associated upland forest ("Key habitats" identified in the Big Woods subsection of the SWAP). Likely permanent land steward is Minnesota Department of Natural Resources.
- Protect 30 acres at Pike Lake Natural Area with lakeshore, wetland, and habitat for fish, game and wildlife ("Key habitats" identified in the Big Woods subsection of the SWAP). Likely permanent land steward is City of Prior Lake.
- Protect up to 1000 acres to expand the Upgrala Unit of the Minnesota Valley National Wildlife Refuge. This tract contains wetland, floodplain forest, over one mile of Minnesota River shoreline, two shallow lakes and a small stream. The high quality wetlands provide excellent waterfowl habitat and outstanding hunting and fishing opportunities in the heart of the metropolitan area. This parcel will be acquired in collaboration with the Minnesota Valley Trust and US Fish and Wildlife Service (*Comprehensive Conservation Plan for the Minnesota Valley National Wildlife Refuge and Wetland Management District.*) Permanent land steward will be USFWS.

In the Mississippi River Corridor:

- Protect up to 170 acres of shoreland, forest and wetland habitat on the Wild and Scenic Rum River just a few miles upstream of the Mississippi River (a "key river reach" identified in the Anoka Sand Plain subsection of the SWAP). Likely permanent land steward is the City of Ramsey.

In the St. Croix River Corridor:

- Protect up to 200 acres of forest in the Franconia/ Scandia St. Croix River corridor, complementing existing protected lands along the St. Croix National Scenic Riverway ("key river reach" identified in the Mille Lacs Upland subsection). Likely permanent land steward is Minnesota Department of Natural Resources or Washington County.
- Protect up to 1000 acres of forest and associated wetlands / prairie at Big Marine Lake in the St. Croix Greenway (in the St. Paul – Baldwin Plains and Moraines). Likely permanent land steward is Minnesota Department of Natural Resources or Washington County.

## Planning

The Statewide Conservation and Preservation Plan identifies habitat loss and degradation as critical problems statewide. The State Wildlife Action Plan notes these problems in the specific ecological subsections here: Big Woods, Anoka Sand Plain, Mille Lacs Uplands, St. Paul – Baldwin Plains and Moraines, and Oak Savanna.

In identifying and selecting projects for this Outdoor Heritage Fund proposal, the Metro Big Rivers Habitat partnership utilizes a science-based approach and applies the following key habitat priorities of the *Minnesota Statewide Conservation and Preservation Plan*:

- Protect priority habitat
- Protect critical shorelands
- Improve connectivity and access to outdoor recreation
- Restore land, wetlands, and wetland-associated watersheds
- Protect and restore critical in-water habitat of lakes and streams
- Keep water on the landscape.

Specific to “improving connectivity and access to outdoor recreation,” Metro Big Rivers works to improve and expand new hunting, fishing and other wildlife-based recreational opportunities close to home for the 3,000,000 Minnesotans who lives in the Twin Cities Metropolitan Area. These opportunities will help to build a new generation of Minnesotans who love to hunt, fish, bird-watch, or study wildlife.

Metro Big Rivers also implements specific habitat priorities in the State Wildlife Action Plan (*Tomorrow's Habitat for the Wild and Rare: An Action Plan for Minnesota Wildlife*,) supports several species occurrences documented in the DNR's *Minnesota County Biological Survey Heritage Database*, and implements recommendations from various species-specific plans (e.g., *Long Term Duck Recovery Plan*).

Metro Big Rivers projects also are supported and often identified in location-specific plans, including the following:

- Dakota County Farmland and Natural Area Protection Plan, Mississippi River Greenway Strategic Plan & Northern Dakota County Greenway Plan.
- Comprehensive Conservation Plan for the Minnesota Valley National Wildlife Refuge and Wetland Management District.
- Scott County Land Protection Plan and St. Croix River Association Land Protection Plan.
- St. Croix River Watershed Conservation Priorities Report and Washington County Land and Water Legacy Program Conservation Priorities Plan.

## Relationship to Other Constitutional Funds

The projects to be completed in Metro Big Rivers Habitat Phase 3 accelerate habitat work in the Twin Cities Metropolitan Area. This program does not supplant any other sources of funds.

All Metro Big Rivers partners also are partners in the Metropolitan Conservation Corridors (MeCC), which has been receiving grants from the Minnesota Environment and Natural Resources Trust Fund, as recommended by the Legislative-Citizen Commission on Minnesota Resources (LCCMR) since 2005.

The Minnesota Valley Trust's leverage will come from other, non-state funding sources, potentially including private, nonprofit funds and federal funds. The Trust for Public Land's projects may require other state funding sources to successfully complete the fee title acquisition priority projects identified herein. The other funding sources may include ENRTF / LCCMR as part of the MECC program; LCCMR or bonding appropriated to DNR's SNA, AMA/WMA programs; RIM; funding from the clean water fund and parks / trails fund; local and metropolitan natural areas funding, as appropriate; and, private funds.

### Relationship to Current Organizational Budget

The OHF grant funds will be used exclusively to complete -- and are necessary for -- the proposed project activities, thereby accelerating the protection, restoration and enhancement of high priority habitat in the Twin Cities Metropolitan Area. The grant funds are in addition to the organizational operating budget of each partner and other funds secured for habitat work. These grant funds will not substitute for or supplant other funding sources.

### Sustainability and Maintenance

From its inception in 1998, Friends of the Mississippi River's Land Conservation Program has focused its efforts in Dakota and Washington County. This focus is not anticipated to change. FMR is committed to restoring and enhancing the sites presented in this proposal, then continuing to manage, improve and expand them into the future, as well. These sites play an important role in FMR's effort to improve the Mississippi River ecosystem in the Twin Cities area.

FMR will work with the landowner -- DNR or a local unit of government -- to ensure that the following post-grant activities take place.

- Site monitoring – Monitoring every 1-2 years will include plant and animal surveys, specifically evaluating the treatments implemented during the grant period.
- Enhancement and Management -- Based on the information obtained during these monitoring visits, agency or FMR staff will initiate actions to address emerging threats or to continue longer treatment regimes. Specific future activities will necessarily be dictated by data obtained from the monitoring protocol.

Before restoration or enhancement activities are initiated under this grant, FMR will ensure that a Natural Resource Management Plan (NRMP) is in place for each site. FMR's NRMPs contain information on historical and current conditions of the site, plant survey lists, problems/issues, goals, recommendations, timelines and costs. By the beginning of 2012, NRMPs will have been developed for four of the sites. The initial activity for the Vermillion River Parks project under this grant will be to develop a NRMP.

Great River Greening is committed to working with Springbrook Nature Center and Ramsey County on an on-going basis to identify and procure financial resources for maintaining these improvements as needed, bring volunteers to bear, and otherwise assist in reducing the financial and capacity burden in the face of fiscal constraints. A natural resource management plan will be developed for the sites to guide effective long-term management. Springbrook, the City of Fridley, and Ramsey County are committed to the long-term maintenance of these habitat improvements in line with prescribed actions.

Springbrook and Ramsey County staff will monitor the site and take any necessary actions to sustain the habitat improvements as part of their public land management responsibilities. Maintenance work will be carried out by existing staff, CCM crews, volunteers, temporary project staffing or through vendor contracting. Periodic enhancements (beyond routine management) will be funded through annual funding requests from a variety of funding sources, including bonding, gifts, federal and other sources.

The land protected by the Minnesota Land Trust through conservation easements will be sustained through the best standards and practices for conservation easement stewardship. The Minnesota Land Trust is a nationally-accredited land trust with a very successful stewardship program that includes annual property monitoring, effective records management, addressing inquiries and interpretations, tracking changes in ownership, investigating potential violations and defending the easement in case of a true violation. Funding for these easement stewardship activities is included in the project budget.

Lands acquired by the Minnesota Valley Trust for the Minnesota Valley National Wildlife Refuge will be maintained by the US Fish and Wildlife Service. Initial restoration and enhancement activities will be completed by MVT prior to transferring ownership of the property to the USFWS.



The Trust for Public Land will work with experienced local, state and federal land programs, citizen groups and private landowners to ensure that the acquired lands are able to be restored and stewarded for habitat and the public use. Each protected area will have a restoration and management plan including source and use of funds for these stewardship activities over time. With a strong record of leveraging funds to protect, restore and enhance wildlife habitat in the metro area, TPL is committed to working with the long term land stewards to secure the resources need to maintain these lands in the long term.

**Outcomes**

*(Describe the anticipated outcomes to be obtained from this investment. Outcomes are usually quality based statements describing the ecological improvements resulting from the quantitative outputs of the program.)*

<b>Short-Term/Intermediate Outcomes</b>	<b>Long-Term Outcomes</b>
Permanent protection and habitat restoration and enhancement outputs are achieved across priority public lands, improving ecological health of the habitat and conditions for native game and non-game species.	Habitats of sufficient size, quality exist and are sufficiently connected to sustain healthy populations of most game and non-game species native to the region.
Areas where habitat restoration and enhancement work has occurred are occupied by key indicator species linked to ecosystem health.	The number of species characterized as Species of Greatest Conservation Need has significantly decline due to population recovery.
Additional public lands are opened for wildlife-dependent and appropriate levels of public outdoor recreation.	Increased outdoor recreation activities by the public, with emphasis on the growing population of the Twin Cities Metropolitan Area. Increased satisfaction by outdoor recreationalists.

**Accomplishment Timeline**

**Friends of the Mississippi River**

<b>Activity</b>	<b>Milestone</b>	<b>Date</b>
Wet meadow treated to control exotic invasive plants at Gores Pool WMA	Enhance 10 acres wet meadow	December 2014
Exotic invasive plant control, prescribed burns at Hastings Sand Coulee SNA, Hastings SNA, Gores Pool WMA and Camel’s Hump	Enhance 60 acres forest	December 2014
Woody plants removal, prescribed burn at Hastings Sand Coulee SNA and Camel’s Hump	Enhance 28 acres prairie	December 2014
Prairie seed installed at Hastings Sand Coulee SNA	Restore 8 acres prairie	December 2014
Exotic invasive plant control, prescribed burns at Hastings	Enhance 61 acres forest	June 2015

Sand Coulee SNA, Hastings SNA, Gores Pool WMA and Camel's Hump		
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**Great River Greening**

Activity	Milestone	Date
Woody invasive plant control at Fish Creek and Springbrook	Enhance 76 acres forest	June 2013
Woody invasive plant control at Fish Creek and Springbrook	Enhance 15 acres forest	June 2014
Prairie seed installed at Fish Creek	Restore 15 acres prairie	June 2014
Oak woodland planting/seeding at Fish Creek	Enhance 10 acres forest	December 2014
Woody invasive plant control at (followup)	Enhance 56 acres forest	June 2015
Prescribed fire at Fish Creek and Springbrook	Enhance 75 acres prairie	June 2015

**Minnesota Land Trust**

Activity	Milestone	Date
Acquire conservation easements: <ul style="list-style-type: none"> <li>Identify landowners</li> <li>Negotiate, draft, complete easements</li> <li>Dedicate funds for easement stewardship</li> </ul>	Protect 250 acres by completing 3-5 conservation easements	June 2014

**Minnesota Valley National Wildlife Refuge Trust, Inc.**

Activity	Milestone	Date
Identify willing landowner, appraisal, landowner negotiations, title work, closing	Protect 200 grant acres and 40 leverage acres through fee title acquisition	June 2013

**Trust for Public Land**

Activity	Milestone	Date
Identify willing landowner, appraisal, landowner negotiations, title work, closing	Protect 50 acres through fee title acquisition	October 2013
Identify willing landowner, appraisal, landowner negotiations, title work, closing	Protect 50 acres through fee title acquisition	February 2014

**Table B-2. Other Outcome Table**

*Not applicable.*

**Attachments (A-C on spreadsheet workbook – 3 separate tabs; D below):**

Equipment/tools and materials/supplies purchased through this grant by Great River Greening and Friends of the Mississippi River for restoration and enhancement purposes may include but are limited to those identified in Attachment D.

- A. Budget
- B. Proposed Outcome Tables
- C. Parcel List  
*No Map is needed for the accomplishment plan*
- D. Project-Related Materials/Supplies

## Attachment D

### Potential Project-Related Materials/Supplies, Equipment/Tools, and Volunteer-Related Expenditures

#### Equipment/Tools

Chainsaw - chainsaws, chains, files, grinding wheels, bar oil, replacement parts, fuel, 2-stroke oil  
Brush cutter, parts, blades, fuel, 2-stroke oil  
Hand equipment – shovels, rakes, trowels, hammers, dibble bars, pruners, loppers, hammers, etc.  
Mowers, blades, parts  
Dingo parts and maintenance  
Truck – tie down ratchets, bungee chords, bed tie downs  
Chemical application materials – herbicide applicator tanks and sprayers  
UTV – tires, battery, wench, tracks for winter use  
Radios  
GPS units and software  
Sleds  
Snow shoes  
Burn equipment – hoses, radio harnesses  
Safety PPE –

- Chain Saw - boots, chaps, helmets, gloves
  - Fire - Nomex shirts and pants, respirators, helmets, gloves
  - Pesticide application – rubber boots, rubber gloves, respirators, safety glasses
  - General - reflective jackets and vests
- Repair/maintenance (including parts) for all equipment, including trucks, suburbans, ATV's, tractors, small engine equipment, trailers, disks, pumping units, and so forth.
- Seed drill  
300-gallon tank/slip  
Vehicle trailer  
Auger, tiller (including rental)  
Nut pickers  
Maps  
Equipment/tool rental

#### Materials/Supplies

Plant material (trees, shrubs, native plants, native seed, cover crop seed)  
Erosion blanket (coconut and straw)  
Kraft paper  
Mulch  
Tree protectors  
Bamboo stakes  
Tree gators  
Chicken wire  
Steel posts (U and T)

Fencing  
Band ties  
Marking paint  
Paper towels  
Hand cleaner  
Mineral spirits  
Wooden stakes  
Erosion/Bio logs  
Herbicides, pesticides, fertilizers  
MN DNR Natural Heritage data

#### Volunteer Recruitment

Tents, tent rental  
Signs  
Cups, plates, napkins  
Serving gloves  
Event rentals (sanitation units, security, tables/chairs)

Event food (granola bars, apples/bananas, orange juice/apple juice, coffee, sandwiches, etc)  
Recruitment materials (flyers, fact sheets, etc.)  
Staff time for recruiting volunteers

#### Travel

Staff mileage reimbursement (crews, ecologists, volunteer coordinator, etc.)

Vehicle rental

#### Training

Prescribed fire certification training (S130, S190, etc.); annual refresher

Commercial pesticide applicator license (annual)  
Chainsaw certification  
First aid and CPR certification

Name of Proposal:

Friends of Mississippi River - MBRP Phase 3

Date:

10/21/2011

[Link HERE to definitions of the budget items below.](#)

**Total Amount of Request** \$ 375,000 *From page 1 on the funding form.*

**Personnel**

Position breakdown here	FTE	Over # of years	LSOHC Request	Anticipated Cash		Total
				Leverage	Cash Leverage Source	
<i>Conservation Director (FMR)</i>	0.02	3	\$ 4,300			\$ 4,300
<i>Ecologist/Project Coordinator (FMR)</i>	0.09	3	\$ 16,320			\$ 16,320
<i>Ecologist (FMR)</i>	0.05	3	\$ 10,820			\$ 10,820
<i>Accountant/bookkeeper (FMR)</i>	0.006	3	\$ 960			\$ 960
<b>Total</b>	<b>0.17</b>		<b>\$ 32,400</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 32,400</b>

**Budget and Cash Leverage** *(All your LSOHC Request Funds must be direct to and necessary for program outcomes.)*

*Please describe how you intend to spend the requested funds.*

Budget Item	LSOHC Request	Anticipated Cash		Total
		Leverage	Cash Leverage Source	
Personnel - <i>auto entered from above</i>	\$ 32,400	\$ -	\$ -	\$ 32,400
Contracts	\$ 341,600			\$ 341,600
Fee Acquisition w/ PILT <i>(breakout in table 7)</i>				\$ -
Fee Acquisition w/o PILT <i>(breakout in table 7)</i>				\$ -
Easement Acquisition				\$ -
Easement Stewardship	\$ 1,000			\$ 1,000
Travel (in-state)				\$ -
Professional Services				\$ -
Direct Support Services				\$ -
DNR Land Acquisition Costs <i>(\$3,500 per acquisition)</i>				\$ -
Other				\$ -
Capital Equipment <i>(auto entered from below)</i>	\$ -	\$ -		\$ -
Other Equipment/Tools				\$ -
Supplies/Materials				\$ -
<b>Total</b>	<b>\$ 375,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 375,000</b>

**Capital Equipment** *(single items over \$10,000 - auto entered into table above)*

Item Name	LSOHC Request	Leverage
<i>None</i>	-	-
<i>Item 2 enter here</i>		
<i>Item 3 enter here</i>		
<i>Item 4 enter here</i>		
<i>Item 5 enter here</i>		
<i>Item 6 enter here</i>		
<i>Item 7 enter here</i>		
<i>Item 8 enter here</i>		
<b>Total</b>	<b>-</b>	<b>-</b>

Name of Proposal:

Great River Greening - MBRP Phase 3

Date:

10/21/2011

[Link HERE to definitions of the budget items below.](#)

**Total Amount of Request** \$ 375,000 *From page 1 on the funding form.*

**Personnel**

Position breakdown here	FTE	Over # of years	LSOHC Request	Anticipated Cash Leverage	Cash Leverage Source	Total
<i>Proj. Manager/Ecologist (GRG)</i>	0.7	3	\$ 35,100	\$ 21,500	City of Fridley; Springbrook Foundation; City of Maplewood	
<i>Volunteer Manager (GRG)</i>	0.02	3	\$ 6,126	\$ 4,500	City of Fridley; City of Maplewood	
<i>Dir. Cons. Programs (GRG)</i>	0.02	3	\$ 10,375			
<i>Business Staff (GRG)</i>	0.02	3	\$ 9,374			\$ 9,374
<b>Total</b>	<b>0.76</b>		<b>\$ 60,975</b>	<b>\$ 26,000</b>	<b>\$ -</b>	<b>\$ 9,374</b>

**Budget and Cash Leverage** *(All your LSOHC Request Funds must be direct to and necessary for program outcomes.)*

*Please describe how you intend to spend the requested funds.*

Budget Item	LSOHC Request	Anticipated Cash Leverage	Cash Leverage Source	Total
<b>Personnel - auto entered from above</b>	\$ 60,975	\$ 26,000	\$ -	\$ 86,975
<b>Contracts</b>	\$ 304,075			\$ 304,075
<b>Fee Acquisition w/ PILT (breakout in table 7)</b>				\$ -
<b>Fee Acquisition w/o PILT (breakout in table 7)</b>				\$ -
<b>Easement Acquisition</b>				\$ -
<b>Easement Stewardship</b>	\$ 1,800			\$ 1,800
<b>Travel (in-state)</b>				\$ -
<b>Professional Services</b>				\$ -
<b>Direct Support Services</b>				\$ -
<b>DNR Land Acquisition Costs (\$3,500 per acquisition)</b>				\$ -
<b>Other</b>				\$ 8,150
Capital Equipment (auto entered from below)	\$ -	\$ -		\$ -
Other Equipment/Tools	\$ 2,700			\$ 2,700
Supplies/Materials	\$ 5,450			\$ 5,450
	\$ 375,000	\$ 26,000	\$ -	\$ 401,000

**Capital Equipment** *(single items over \$10,000 - auto entered into table above)*

Item Name	LSOHC Request	Leverage
<i>None</i>	-	-
<i>Item 2 enter here</i>		
<i>Item 3 enter here</i>		
<i>Item 4 enter here</i>		
<i>Item 5 enter here</i>		
<i>Item 6 enter here</i>		
<i>Item 7 enter here</i>		
<i>Item 8 enter here</i>		
<b>Total</b>	-	-

Name of Proposal:

MN Land Trust - MBRP Phase 3

Date:

10/21/2011

[Link HERE to definitions of the budget items below.](#)

**Total Amount of Request** \$ 930,000 *From page 1 on the funding form.*

**Personnel**

Position breakdown here	FTE	Over # of years	LSOHC Request	Anticipated Cash Leverage	Cash Leverage Source	Total
<i>Conservation Staff (MLT)</i>	0.45	2	\$ 45,500			\$ 45,500
<i>Legal Staff (MLT)</i>	0.1	2	\$ 12,000			\$ 12,000
<b>Total</b>	0.55		\$ 57,500	\$ -	\$ -	\$ 57,500

**Budget and Cash Leverage** *(All your LSOHC Request Funds must be direct to and necessary for program outcomes.)*

Please describe how you intend to spend the requested funds.

Budget Item	LSOHC Request	Anticipated Cash Leverage	Cash Leverage Source	Total
Personnel - <i>auto entered from above</i>	\$ 57,500	\$ -	\$ -	\$ 57,500
Contracts				\$ -
Fee Acquisition w/ PILT <i>(breakout in table 7)</i>				
Fee Acquisition w/o PILT <i>(breakout in table 7)</i>				
Easement Acquisition	\$ 800,000	\$ 250,000	<i>Donated easement va</i>	\$ 1,050,000
Easement Stewardship	\$ 51,000			\$ 51,000
Travel (in-state)	\$ 1,500			\$ 1,500
Professional Services	\$ 20,000			\$ 20,000
Direct Support Services				\$ -
DNR Land Acquisition Costs (\$3,500 per acquisition)				\$ -
Other				\$ -
Capital Equipment <i>(auto entered from below)</i>	\$ -	\$ -		\$ -
Other Equipment/Tools				\$ -
Supplies/Materials				\$ -
	\$ 930,000	\$ 250,000	\$ -	\$ 1,180,000

**Capital Equipment** *(single items over \$10,000 - auto entered into table above)*

Item Name	LSOHC Request	Leverage
<i>None</i>	-	-
<i>Item 2 enter here</i>		
<i>Item 3 enter here</i>		
<i>Item 4 enter here</i>		
<i>Item 5 enter here</i>		
<i>Item 6 enter here</i>		
<i>Item 7 enter here</i>		
<i>Item 8 enter here</i>		
<b>Total</b>	-	-

Name of Proposal:

MN Valley Trust - MBRP Phase 3

Date:

10/21/2011

[Link HERE to definitions of the budget items below.](#)

**Total Amount of Request**      \$      1,000,000 *From page 1 on the funding form.*

**Personnel**

Position breakdown here	FTE	Over # of years	LSOHC Request	Anticipated Cash Leverage	Cash Leverage Source	Total
<b>Total</b>	0		\$ -	\$ -	\$ -	\$ -

**Budget and Cash Leverage** *(All your LSOHC Request Funds must be direct to and necessary for program outcomes.)*

*Please describe how you intend to spend the requested funds.*

Budget Item	LSOHC Request	Anticipated Cash Leverage	Cash Leverage Source	Total
Personnel - <i>auto entered from above</i>	\$ -	\$ -	\$ -	\$ -
Contracts				\$ -
Fee Acquisition w/ PILT <i>(breakout in table 7)</i>				\$ -
Fee Acquisition w/o PILT <i>(breakout in table 7)</i>	\$ 1,000,000	\$ 200,000	private	\$ 1,200,000
Easement Acquisition				\$ -
Easement Stewardship				\$ -
Travel (in-state)				\$ -
Professional Services				\$ -
Direct Support Services				\$ -
DNR Land Acquisition Costs (\$3,500 per acquisition)				\$ -
<b>Other</b>				\$ -
Capital Equipment <i>(auto entered from below)</i>				\$ -
Other Equipment/Tools				\$ -
Supplies/Materials				\$ -
	\$ 1,000,000	\$ 200,000	\$ -	\$ 1,200,000

**Capital Equipment** *(single items over \$10,000 - auto entered into table above)*

Item Name	LSOHC Request	Leverage
<i>None</i>	-	-
<i>Item 2 enter here</i>		
<i>Item 3 enter here</i>		
<i>Item 4 enter here</i>		
<i>Item 5 enter here</i>		
<i>Item 6 enter here</i>		
<i>Item 7 enter here</i>		
<i>Item 8 enter here</i>		
<b>Total</b>	-	-



Name of Proposal:

Trust for Public Land - MBRP Phase 3

Date:

10/21/2011

[Link HERE to definitions of the budget items below.](#)

**Total Amount of Request** \$ 1,000,000 *From page 1 on the funding form.*

**Personnel**

Position breakdown here	FTE	Over # of years	LSOHC Request	Anticipated Cash		Total
				Leverage	Cash Leverage Source	
<b>Total</b>	<b>0</b>		\$ -	\$ -	\$ -	\$ -

**Budget and Cash Leverage** *(All your LSOHC Request Funds must be direct to and necessary for program outcomes.)*

*Please describe how you intend to spend the requested funds.*

Budget Item		LSOHC Request	Anticipated Cash		Total
			Leverage	Cash Leverage Source	
Personnel - <i>auto entered from above</i>		\$ -	\$ -	\$ -	\$ -
Contracts					\$ -
Fee Acquisition w/ PILT <i>(breakout in table 7)</i>	TPL	\$ 596,500	\$ 175,000	state (~75%), private(~25%)	\$ 771,500
Fee Acquisition w/o PILT <i>(breakout in table 7)</i>					\$ -
	TPL	\$ 400,000	\$ 75,000	federal (~25%), state (~25%), local (~25%), private (~25%)	\$ 475,000
Easement Acquisition					\$ -
Easement Stewardship					\$ -
Travel (in-state)					\$ -
Professional Services					\$ -
Direct Support Services					\$ -
DNR Land Acquisition Costs <i>(\$3,500 per acquisition)</i>		\$ 3,500			\$ 3,500
Other					\$ -
Capital Equipment <i>(auto entered from below)</i>					\$ -
Other Equipment/Tools					\$ -
Supplies/Materials					\$ -
		\$ 1,000,000	\$ 250,000	\$ -	\$ 1,250,000

**Capital Equipment** *(single items over \$10,000 - auto entered into table above)*

Item Name	LSOHC Request	Leverage
<i>None</i>	-	-
<i>Item 2 enter here</i>		
<i>Item 3 enter here</i>		
<b>Total</b>	-	-

**Attachment A. Budget Spreadsheet**

Name of Proposal:

Date:


[Link HERE to definitions of the budget items below.](#)

**Total Amount of Request**      \$      3,680,000 *From page 1 on the funding form.*

**Personnel**

Position breakdown here	FTE	Over # of years	LSOHC Request	Anticipated Cash Leverage	Cash Leverage Source	Total
<i>Conservation Director (FMR)</i>	0.02	3	\$ 4,300			\$ 4,300
<i>Ecologist/Project Coordinator (FMR)</i>	0.09	3	\$ 16,320			\$ 16,320
<i>Ecologist (FMR)</i>	0.05	3	\$ 10,820			\$ 10,820
<i>Accountant/bookkeeper (FMR)</i>	0.006	3	\$ 960			\$ 960
<i>Conservation Staff (MLT)</i>	0.45	2	\$ 45,500			\$ 45,500
<i>Legal Staff (MLT)</i>	0.1	2	\$ 12,000			\$ 12,000
<i>Proj. Manager/Ecologist (GRG)</i>	0.7	3	\$ 35,100	\$ 21,500	<i>City of Fridley; Springbrook Foundation; City of Maplewood</i>	
<i>Volunteer Manager (GRG)</i>	0.02	3	\$ 6,126	\$ 4,500	<i>City of Fridley; City of Maplewood</i>	
<i>Dir. Cons. Programs (GRG)</i>	0.02	3	\$ 10,375			
<i>Business Staff (GRG)</i>	0.02	3	\$ 9,374			\$ 9,374
<b>Total</b>	<b>1.48</b>		<b>\$ 150,875</b>	<b>\$ 26,000</b>	<b>\$ -</b>	<b>\$ 99,274</b>

**Budget and Cash Leverage (All your LSOHC Request Funds must be direct to and necessary for program outcomes.)**

*Please describe how you intend to spend the requested funds.*

Budget Item		LSOHC Request	Anticipated Cash Leverage	Cash Leverage Source	Total
<b>Personnel - auto entered from above</b>		\$ 150,875	\$ 26,000	\$ -	\$ 99,274
<b>Contracts</b>		\$ 645,675			\$ 645,675
<b>Fee Acquisition w/ PILT (breakout in table 7)</b>	TPL	\$ 596,500	\$ 175,000	<i>state (~75%), private (~25%)</i>	\$ 771,500
<b>Fee Acquisition w/o PILT (breakout in table 7)</b>	MVT	\$ 1,000,000	\$ 200,000	<i>private</i>	\$ 1,200,000
	TPL	\$ 400,000	\$ 75,000	<i>federal (~25%), state (~25%), local (~25%), private (~25%)</i>	\$ 475,000
<b>Easement Acquisition</b>	MLT	\$ 800,000	\$ 250,000	<i>Donated easement va</i>	\$ 1,050,000
<b>Easement Stewardship</b>	MLT	\$ 51,000			\$ 51,000
<b>Travel (in-state)</b>		\$ 4,300			\$ 4,300
<b>Professional Services</b>		\$ 20,000			\$ 20,000
<b>Direct Support Services</b>					\$ -
<b>DNR Land Acquisition Costs (\$3,500 per acquisition)</b>		\$ 3,500			\$ 3,500
<b>Other</b>					\$ 8,150
Capital Equipment (auto entered from below)		\$ -	\$ -		\$ -
Other Equipment/Tools		\$ 2,700			\$ 2,700
Supplies/Materials		\$ 5,450			\$ 5,450
		<b>\$ 3,680,000</b>	<b>\$ 726,000</b>	<b>\$ -</b>	<b>\$ 4,328,399</b>

**Capital Equipment (single items over \$10,000 - auto entered into table above)**

Item Name	LSOHC Request	Leverage
<i>None</i>	-	-
<i>Item 2 enter here</i>		
<i>Item 3 enter here</i>		
<i>Item 4 enter here</i>		
<i>Item 5 enter here</i>		
<b>Total</b>	-	-

## Attachment B. Output Tables

<b>Name of Proposal:</b>	Metro Big Rivers Habitat Phase 3
<b>Date:</b>	24-Oct-11

*Table 1 and Table 3 column totals should be the same AND Table 2 and Table 4 column totals should be the same*

*If your project has lakes or shoreline miles instead of land acres, convert miles to acres for Tables 1 and 3 using the following conversion:*

*Lakeshore = 6 acres per lakeshore mile / Stream & River Shore = 12 acres per linear mile, if both sides*

### Table 1. Acres by Resource Type

Describe the scope of the project in acres (use conversion above if needed)

	Wetlands	Prairies	Forest	Habitats	Total
Restore		8			8
Protect Fee	20	20	20	220	280
Protect Easement				175	175
Protect Other					0
Enhance	10	41	239		290
<b>Total</b>	30	69	259	395	

Total Acres (sum of Total column)

753 *These two cells should be the same figure.*

Total Acres (sum of Total row)

753

### Table 2. Total Requested Funding by Resource Type

	Wetlands	Prairies	Forest	Habitats	Total
Restore		\$ 25,500			\$ 25,500
Protect Fee	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000	\$ 2,000,000
Protect Easement				\$ 930,000	\$ 930,000
Protect Other					\$ -
Enhance	\$ 29,000	\$ 90,200	\$ 605,300		\$ 724,500
<b>Total</b>	\$ 279,000	\$ 365,700	\$ 855,300	\$ 2,180,000	

Total Dollars (sum of Total column)

\$ 3,680,000 *These two cells should be the same figure.*

Total Dollars (sum of Total row)

\$ 3,680,000

Check to make sure this amount is the same as the Funding Request Amount on page 1 of Main Funding Form.

### Table 3. Acres within each Ecological Section

	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest	Total
Restore	8					8
Protect Fee	280					280
Protect Easement	175					175
Protect Other						0
Enhance	290					290
<b>Total</b>	753	0	0	0	0	

Total Acres (sum of Total column)

753 *These three cells should be the same figure.*

Total Acres (sum of Total row)

753

Total Acres from Table 1.

753

**Attachment B. Output Tables**

**Table 4. Total Requested Funding within each Ecological Section**

	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest	Total
Restore	\$ 25,500					\$ 25,500
Protect Fee	\$ 2,000,000					\$ 2,000,000
Protect Easement	\$ 930,000					\$ 930,000
Protect Other						\$ -
Enhance	\$ 724,500					\$ 724,500
<b>Total</b>	<b>\$ 3,680,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Total Dollars (sum of Total column)      \$ 3,680,000  
 Total Dollars (sum of Total row)      \$ 3,680,000  
 Check to make sure these amounts are the same as the Funding Request Amount on page 1 of Main Funding Form.

*These two cells should be the same figure.*

**Table 5. Target Lake/Stream/River Miles**

# miles of Lakes / Streams / Rivers Shoreline

**Table 6. Acquisition by PILT Status (enter information in acres)**

	Wetlands	Prairies	Forests	Habitats	Total
Acquired in Fee with State PILT Liability	12	12	12	12	48
Acquired in Fee w/o State PILT Liability	8	8	8	208	232
Permanent Easement PILT Liability				175	175
	20	20	20	395	

**Table 7. Estimated Value of Land Acquisition by PILT Status (enter information in dollars)**

	Wetlands	Prairies	Forests	Habitats	Total	
Acquired in Fee with State PILT Liability	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 600,000	\$ 771,500
Acquired in Fee w/o State PILT Liability	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,100,000	\$ 1,400,000	\$ 1,200,000
Permanent Easement PILT Liability				\$ 930,000	\$ 930,000	\$ 1,050,000
	\$ 250,000	\$ 250,000	\$ 250,000	\$ 2,180,000		

*FYI: should match total in budget table that is auto entered below*

**Attachment C. Parcel List**

**Name of Proposal:** Metro Big Rivers Habitat Phase 3  
**Date:** 24-Oct-11

County	Township (25-258)	Range (01-51)	Direction most parcels are 2 with the exception of some areas of Cook County which is 1	Section (01 thru 36)	TRDS	# of acres	Budgetary Estimate (includes administrative, restoration or other related costs and do not include matching money contributed or earned by the transaction)	Description	Activity PF=Protect Fee PE=Protect Easement PO=Protect Other R=Restore E=Enhance	If Easement, what is the easement cost as a % of the fee acquisition?	Any existing protection? (yes/no)	Open to hunting and fishing? (yes/no)
<u>Parcel Name</u>												
<u>Friends of Mississippi River</u>												
					272127 & 272128	30	67,000	Prairie & Forest enhancement	E		Public	No
Camel's Hump	Washington	27	21	2 7 & 8	11517227 & 11517235	19	32,860	Forest enhancement	E		Public	No
Hastings SNA	Dakota	115	17	2 27 & 35	1141722 11517223	73	158,140	Prairie restoration and enhancement and woodland enhancement	E & R		Public	No
Hastings Sand Coulee SNA	Dakota	114	17	2	2 23 & 26 &11517226	45	117,000	Wetland and forest enhancement	E		Public	Yes
Gores Pool WMA	Dakota	115	17	2 23 & 26								
<u>Great River Greening</u>												
								Enhance 66 acres of oak woodland, oak savanna and native prairie through woody and exotic invasive species management and prescribed fire.	E		Yes	No
Springbrook Nature Center	Anoka	30	24	2	3 3024203	66	\$187,500					
					2822223 & 2822224	75	\$187,500	Enhancement of 75 acres of oak communities through invasive woody removal, pine removal, tree planting, prairie seeding and prescribed fire.	E & R		Yes	No
Fish Creek Open Space	Ramsey	28	22	2	23&24							
<u>Minnesota Land Trust</u>												
					12023212	95	\$17,000	Crow River Corridor: river shoreline, forest	PE	Unknown	No	No
Crow River	Hennepin	120	23	2	12							
					11825235	128	\$17,000	Crow River Corridor: lake shoreline, forest, grasslands, wetlands	PE	Unknown	No	No
Rice Lake	Wright/Carver	118/117	25	2 35/2								
					11725211	91	\$800,000	Crow River Corridors: lake shoreline, maple-basswood forest, grasslands, wetlands	PE	50%	No	TBD (fishing)
Oak Lake	Carver	117	25	2	11							

**Attachment C. Parcel List**

**Name of Proposal:** Metro Big Rivers Habitat Phase 3  
**Date:** 24-Oct-11

County	Township (25-258)	Range (01-51)	Direction most parcels are 2 with the exception of some areas of Cook County which is 1	Section (01 thru 36)	TRDS	# of acres	Budgetary Estimate (includes administrative, restoration or other related costs and do not include matching money contributed or earned by the transaction)	Description	Activity PF=Protect Fee PE=Protect Easement PO=Protect Other R=Restore E=Enhance	If Easement, what is the easement cost as a % of the fee acquisition?	Any existing protection? (yes/no)	Open to hunting and fishing? (yes/no)
<u>Parcel Name</u>												
<u>Minnesota Valley National Wildlife Refuge Trust, Inc.</u>												
								Minnesota River: Expand MN Valley National Wildlife Refuge	P		No	Yes a/c Natl Wildlife Refuge Imprvmt Act Yes a/c Natl Wildlife Refuge
								Minnesota River: Expand MN Valley National Wildlife Refuge	P		No	Imprvmt Act Yes a/c Natl Wildlife Refuge
								Minnesota River: Expand MN Valley National Wildlife Refuge	P		No	Imprvmt Act Yes a/c Natl Wildlife Refuge
								Minnesota River: Expand MN Valley National Wildlife Refuge	P		No	Imprvmt Act Yes a/c Natl Wildlife Refuge
<u>Trust for Public Land</u>												
	Scott	115N	21 W		16 & 17	98	\$700,000	Land Acquisition Capital	P		No	Yes subject to local ordinance
	Scott	115N	22 W		23	30	\$1,000,000	Land Acquisition Capital	P		No	Yes subject to local ordinance
	Hennepin	TBD	TBD	TBD	TBD	1000	\$1,000,000	Land Acquisition Capital	P		No	Yes Yes subject to local ordinance
		32N	25 W		13	170	\$1,000,000	Land Acquisition Capital	P		No	Yes subject to local ordinance
		33N	19 W		16	200	\$1,000,000	Land Acquisition Capital	P		No	Yes
	Washington	31N	20 W		5 & 23	1000	\$1,000,000	Land Acquisition Capital	P		No	Yes